ELBIT SYSTEMS WILL PRESENT LIVE, LARGE SCREEN MULTIMEDIA PRESENTATION AT SINGAPORE AIR SHOW 2010

The Presentation “Networking in Action” will depict an operational scenario in which Elbit Systems' communication, UAS, observation, reconnaissance and target designation solutions interact and play integral roles

Elbit Systems will be presenting a live, large screen video presentation at the upcoming Singapore Air Show (booth N65 in the Israeli Pavilion) set to take place from February 2 to 7, 2010.

The presentation, **“Networking in Action”** will feature real life combat situations and demonstrate how the systems interoperability in offensive operations on enemy territory enables achievement of crucial objectives. The presentation will allow viewers to experience dynamic combat experiences and missions with dramatic special effects replicating how the systems work in fully realistic views. Like previous Elbit Systems’ presentations, which have won prestigious international awards for their innovative approach, this one promises to be just as memorable and exciting.

The following systems will be featured in the multimedia presentation:

Skylark® II – is a covert tactical UAS for day, night and adverse weather observation, data collection and target marking at mission ranges exceeding 60 kilometers. It uses a highly deployable single vehicle equipped with an integral launcher for point launch and recovery and an advanced dual station Ground Control Station. The Skylark® II system full cycle operation is possible with the 2-person crew. This highly autonomous UAS' outline and weight allows for handling by a 2-person crew during all phases of the mission including the assembly, launching and recovery.
Skylark® II will be presented in real-size in the Elbit Systems booth.

Universal Ground Control Stations (UGCS) - Capable of controlling any type of UAS, our Universal Ground Control Stations incorporate functionality derived from decades of UAS operations in Israel and worldwide and support all mission phases from mission planning and preflight checks, through mission execution, mission debrief and mission training. Elbit Systems' UGCS is especially designed for maximal flexibility in incorporating various payload types, data links and even other types of UAS (STANAG ready for interoperability) and are designed in various sizes and for a range of purposes. The UGCS is capable of controlling up to two UAS and performing two missions simultaneously (employing two GDTs).

Micro-CoMPASS™ - Micro Multi-Purpose Advanced Stabilized System
An 8" extremely lightweight and compact day and night surveillance system optimized for use in a wide range of platforms, Micro CoMPASS™ features compact dimensions, low weight, high degree of stabilization and high performance sensors. It is an optimal solution for helicopters, for UAS, seaborne electro-optics surveillance systems, fire control systems and search & rescue missions.
Micro-CoMPASS™ will be presented in real-size in the Elbit Systems booth.

DASH - Display and Sight Helmet System
DASH enables pilots to aim their weapons simply by looking at the target. DASH measures the pilot's Line-Of-Sight (LOS) relative to the aircraft, and transfers its information to other aircraft systems. Aircraft, sensors, avionics and weapons are thus enslaved to the target. DASH is adaptable to any fighter/attack aircraft and will accommodate advanced missiles and smart weapon lock-on envelopes. Night flight capabilities are provided with the new DASH inherent dual visor capability and the **DASH-Night** helmet, which benefits from all DASH features even in harsh weather conditions and receives all flight information, targets, data for true 24/7operation. There are over 1000 helmets and 750 systems operational on four continents and onboard a wide range of different platforms.
DASH-Night will be presented in real-size in the Elbit Systems booth.

CORAL-LS - Hand-held 3-5 µm FPA Thermal Imaging Camera. Based on the operationally proven CORAL, the CORAL-LS is a thermal imaging camera with integral 1.06µm imaging capability, incorporating a See Spot Camera. Lightweight, compact and equipped with a continuous zoom, the camera is suitable for close air support and forward observers, night sight laser designator units and ground laser designators.

PLDR II - Portable Lightweight Designator / Rangefinder
The PLDR-II system is a lightweight, man-portable, cutting edge laser designation and targeting system that permits war-fighters to rapidly bring effective fire to bear on hostile targets.

PLDR II will be presented in real-size in the Elbit Systems booth.

ELSAT2000 - Tactical, full military standardized Satellite Communication on-the-Move (SOTM) Solution. ELSAT2000 is the first tactical, full military standardized satellite communication on-the-Move (SOTM) solution, allowing low visibility profile and high data rate broadband capabilities. Elbit Systems has developed a low profile SOTM antenna that provides broadband communication anywhere, anytime, supported by a unique modem technology for the SOTM communication.
ELSAT2000 will be presented in real-size in the Elbit Systems booth.

TMR - Tactical Multimedia Router
TMR is a military grade, triple-play secured IP routing solution for mobile & deployed command posts and armored command vehicles, designed to disseminate voice, data and video over narrowband and broadband Mobile Ad-hoc Networks (MANET).
TMR will be presented in real-size in the Elbit Systems booth.

SDR-7200 - Software Defined Radio
Enabling the reception and transmission of live video feeds via simultaneous voice and data operation, on a single network of only 25Khz bandwidth at VHF frequency band with data transfer rates of up to 115.2 Kbps, the SDR-7200 allows true command on move with data communication of several Mb/s across various band widths.
SDR-7200 will be presented in real-size in the Elbit Systems booth.

BRO@DNET Wireless Point to Multi Point broadband WiMAX - based communications system
This complete turnkey, network based communications system expands the concept of "Network- Centric Warfare" (NCW) solutions. Based on wireless broadband WiMAX technology to deliver long-range, high-capacity broadband IP based data, video and voice telecommunications, the Bro@dnet system enables all combat units and commands to use a single Internet network that includes the full range of battlefield information. Israel's Ministry of Defense has selected Bro@dnet system solution for all the branches of the Israel Defense Forces.

Spectrolite (SPS 65V-5)
A unified EW suite for helicopters and transport aircraft. Spectrolite's advanced EW capabilities have been packed into a single LRU, delivering superior identification and location under challenging conditions. The resulting accurate DF (Direction Finding) of received signals and geo-location, significantly increase interception probability and enable extremely fast response time, minimizing the sensor-to-weapon loop.
Spectrolite (SPS 65V-5) *will be presented in real-size in the Elbit Systems booth.*

The following systems will be demonstrated and highlighted at the stand:

IRCS – Integrated Radio Communication System
A reliable, secure and unified multimedia (voice & data) network, IRCS offers seamless, automatic routing and connectivity between any point to every point within a combat arena. Any type of Combat Network Radios (HF, VHF, UHF), high capacity trunks and telecommunication systems can be integrated to provide seamless connectivity.

ORCWS – Overhead Remote Controlled Weapon Stations
Designed for performance in harsh battlefield conditions, the OWCWS weapon station functions are remotely operated from the crew compartment without exposure to danger. The unique design is based on extensive battlefield experience in full scale and low intensity conflicts.

Avionic Solutions

Elbit Systems, with its comprehensive airborne systems capabilities, can provide a single sensor or an entire cockpit avionic suite. We integrate our systems on fixed and rotary-wing, Eastern and Western, new and mature aircraft. We also supply unique commercial avionic systems and aero structure structures for civilian aircraft, and our airborne systems are installed as original equipment in new aircraft.

The following avionic systems and capabilities will be highlighted:

TARGO™ - A complete mission lifecycle Helmet Mounted Avionics (HMA) technology which transfers the aircraft's avionics to the pilot's helmet.
TARGO™ represents a new generation of personal avionics for the intense flying environment**.** It enables pilots to plan, rehearse, fly and debrief using their personal helmets. It is available in stand-alone or fully integrated configurations. TARGO™ *will be presented in real-size in the Elbit Systems booth.*

F-16 Center Display Unit - CDU
Elbit Systems, a reliable veteran supplier of F-16 avionics to Lockheed Martin, USAF and ANG, as well as to customers worldwide, has added a new operational dimension to the F-16 cockpit with an ergonomically designed system for pilot effectiveness and comfort. The system offers numerous advantages such as high resolution sensor imaging, situational awareness, advanced digital map application, real-time processing and imaging of flight safety information, among many other benefits.

Joint Forces Tactical Training Systems
Our LVC (Live, Virtual & Constructive) training system, based on the BEST infrastructure, offers live, virtual training for all levels of air, ground and naval forces. It launches a new era in advanced operational training by connecting all levels of operational forces, both in simulators and on board actual platforms, and enabling them to share the same arena.

Services and Privatization

Elbit Systems has expanded its activities in the area of maintenance, support and operation services, in Israel and worldwide. Service and support activities are performed in Israel by Elbit Systems' wholly owned subsidiary, Elbit Systems - Cyclone, specializing in aircraft and helicopter maintenance and production of advanced structural assemblies. Elbit Systems is currently operating the "Snunit" Grob 120I trainer aircraft for the IAF Flight School, and also the IAF flight academy's Bell 206 and Cobra helicopters. In addition, Elbit Systems was selected to operate the Israeli T6-I that chosen to replace the aging primary trainer, the Zukit.

Aero structures

Elbit Systems - Cyclone also specializes in production of advanced structural assemblies for military and commercial, fixed and rotary wing aircraft. The company's capabilities include the design and production of metal and composite materials. Additionally, Elbit Systems - Cyclone is providing advanced components for several types of aircraft, including: Lockheed Martin's F-16 and C-5, Boeing's F-15, F-18, 737, 747, 757, 767, 787 and AH-64, Sikorsky's UH-60 and CH-53 and Cessna's 152, 172 and 337.

Elbit Systems - Cyclone is a major supplier of external fuel tanks. Its product portfolio covers fighters, helicopter and transport aircrafts. A one-shop station provides design, production, installation, support and repair capabilities.

Vertical Ejection bomb Rack (VER-2) for smart loads
Elbit Systems - Cyclone, offers an F-16 Vertical Ejection bomb Rack for smart loads. It is already certified on F-16 for G.P. loads, and is the IAF's Main F-16 Bomb Rack.

V-RAMBO - is a miniaturized Video Receiver and Monitor for Battlefield Operations introduced by Spectralink. The new V-RAMBO model features a video and telemetry receiver the size of a small PDA, which can be carried in a pocket or pouch. The video and data can be displayed in real time, either on V-RAMBO's proprietary wrist-wearable monitor, or on other types of portable display devices, including PDAs and laptop PCs.

MRS-2000 (Man-pack Receiving System) is a fully integrated, all-digital, ruggedized transceiver receiving, displaying and disseminating in real-time UAS-derived video images and telemetry data.

Elbit Systems UAS

Elbit Systems' UAS have earned international recognition and are playing increasingly vital roles in the global war on terrorism. Military and homeland security forces worldwide are benefiting from their sophisticated capabilities and onboard systems, which are taking on many of the complex challenges previously performed solely by manned aircraft. In cooperation with Thales, Elbit Systems Hermes® UAS are the baseline for the U.K. Watchkeeper Tactical UAS program.

The following UAS will be presented in graphic format at Elbit Systems booth:

Hermes® 900 Elbit Systems' new Tactical MALE UAS - Looking to address the growing demand for Tactical MALE UAS platforms, Elbit Systems added the Hermes® 900 to its growing UAS family. With its 15 m wingspan and 970 kg max takeoff weight, the Hermes® 900 is a natural extension of the Hermes® 450 tactical UAS. While offering all Hermes® 450 capabilities, it features larger multi-payload configurations, higher flight altitude and extended flight time. Hermes® 900 has recently completed a successful maiden flight and will commence serial production following the completion of additional flight tests.

Hermes® 450, the primary platform of Israel Defense Forces in counter-terror operations, features new capabilities: improved communication channels and more powerful engine performance.

Hermes® 90 is Elbit Systems' new next generation low-medium altitude UAS, highly suited for maneuvering forces, features performance-proven capabilities of the Skylark® and Hermes® UAS families.

Skylark® I-LE has been selected by the Israeli Defense Ministry as the IDF's Battalion Level Mini UAS for all Ground Forces including training and logistics support.

Skylark® I is a mini/man-pack UAS ideal for lower echelons self support reconnaissance close range beyond-the next-hill missions.

Silver Marlin - A fast, agile, highly maneuverable medium-sized USV featuring autonomous obstacle avoidance sensors and controls. Capable of carrying a wide variety of payloads including Elbit Systems' electro-optic naval payloads

and Remote-Controlled Stabilized Weapon Station, this USV features adaptive boat control to enhance performance in rough conditions and at high speeds.

Electro-Optic capabilities – The Power of Vision

Elbit Systems, through its wholly-owned subsidiary, Elbit Systems Electro-optics Elop Ltd. (Elop), is a globally recognized multidisciplinary electro-optics systems house – incorporating the full range of related technologies and facilities in the areas of Observation and Surveillance Payloads, Space and Airborne IMINT, Lasers, Thermal Imaging, Electro-Optic Countermeasures, Head-Up Displays, Integrated Sights for Ground Forces and Homeland Security.

The following electro-optic solutions will be highlighted:

MUSIC® MUlti-Spectral Infrared Countermeasure system - Laser Based DIRCM System for Protection of aircraft from MANPADS
Providing superior protection against multiple infrared missile threats to fixed and rotary-wing airborne platforms, MUSIC® is a highly effective Directed Infrared Countermeasure system (DIRCM). MUSIC® integrates our advanced fiber laser and thermal imaging technologies to generate a high-power multi-spectral jamming signal to deflect shoulder fired IR missiles (MANPADS) from their intended target. Protecting military transport planes as well as attack and utility helicopters, MUSIC® operates automatically and safely without any effect on aircraft performance.
MUSIC® will be presented in graphic format in the Elbit Systems booth.

Hyperspectral Remote Sensing
Hyperspectral data is useful in a wide variety of applications where it is of interest to classify or identify properties of objects with high precision and resolution. Elbit Systems Electro-optics Elop is a leader in the hyperspectral remote sensing arena. It provides turn-key solutions of hyperspectral remote sensing and data exploitation by operating and developing full range (VNIR-SWIR), hyperspectral airborne sensors and by developing applications for end-users, both in the commercial and defense markets.

About Elbit Systems
Elbit Systems Ltd. is an international defense electronics company engaged in a wide range of defense-related programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications,

computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems ("UAS"), advanced electro-optics, electro-optic space systems, EW suites, airborne warning systems, ELINT systems, data links and military communications systems and radios. The Company also focuses on the upgrading of existing military platforms and developing new technologies for defense, homeland security and commercial aviation applications.
For additional information, visit www.elbitsystems.com.

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